



Wyoming Crop Weather



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Week of May 30 – June 5, 2011

AGRICULTURAL SUMMARY: Flood concerns rise as temperatures start to warm.

Temperatures across the state remained mainly below normal; however, Wyoming's first taste of summer growing conditions at the end of the week helped advance crop and rangeland grass growth. Mountain snowpack remains high and as temperatures rise, so do the rivers in counties such as Carbon, Lincoln, Platte and Uinta. Flooding was reported in the areas of Baggs, Saratoga, Encampment and Laramie. On the other hand, Albany County reported dry and windy conditions that are starting to dry out non-irrigated meadows and pastures. The majority of livestock continue to do well, although some higher than normal cases of calf pneumonia have been reported due to cool, damp weather. The NRCS SNOTEL site, as of June 6th, showed a snow water equivalent statewide average of 386 percent, well above the average of 111 percent this time last year. The current drainage basin averages range from 225 percent in the Shoshone Basin to 712 percent of average in the Powder-Tongue Basin. High temperatures ranged from the lower 60s to 90 degrees. Low temperatures ranged from the lower 20s to the upper 30s.

SOIL MOISTURE SUPPLIES

	This Week	Last Week	Last Year	5-Yr Avg
Topsoil				
Very Short	0	0	0	4
Short	13	7	10	21
Adequate	69	77	86	70
Surplus	18	16	4	5

FIELD CROP REPORT: Days suitable for field work were 5.9. Topsoil moisture, rated adequate or better, was down 6 compared to last week but remains above the 5-year average. The progress of all crops, except for barley planted, is running behind the 5-year average. First cutting of alfalfa has just begun with good or better alfalfa condition up 4 compared to last week. Barley condition remains similar to last week while the winter wheat rated good or better was down 3. Other hay rated good or better was also down 3 compared to last week. Irrigation water supplies remain 100 percent adequate or better.

CROP PROGRESS TABLE

Item	This Week	Last Week	Last Year	5-Yr Avg
Barley Planted	97	92	95	96
Barley Emerged	80	68	78	84
Barley Jointed	17	1	24	39
Oats Planted	82	73	91	92
Oats Emerged	48	38	69	75
Oats Jointed	12	3	24	32
Winter Wheat Jointed	72	69	90	93
Winter Wheat Boot	47	3	18	68
Spring Wheat Planted	78	63	97	89
Spring Wheat Emerged	30	18	84	75
Spring Wheat Jointed	6	0	42	35
Dry Beans Planted	29	4	69	69
Dry Beans Emerged	1	0	15	17
Sugarbeets Planted	96	86	98	99
Sugarbeets Emerged	45	23	58	73
Corn Planted	76	68	93	96
Corn Emerged	29	17	63	73
Alfalfa Harvested	1	0	5	6

IRRIGATION WATER SUPPLIES

	This Week	As of 5/23	Last Year	5-Yr Avg
Very Short	0	0	0	1
Short	0	0	2	13
Adequate	80	75	86	81
Surplus	20	25	2	5

CROP CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Barley	0	0	24	76	0
Winter Wheat	0	1	41	57	1
Alfalfa Hay	0	1	17	76	6
Other Hay	0	5	15	77	3

LIVESTOCK, PASTURE AND RANGE REPORT: Range flock lambing continues to lag behind this time last year and the 5-year average. Calf and lamb losses remain positive, however, heavy lamb losses increased 2 from last week and are above the 5-year average. Good or better cattle, calf, sheep and lamb condition were all up at least 4 compared to the last report. Cattle moved to summer pastures were estimated at 63 percent, while sheep were estimated at 53 percent. Range and pasture conditions remain well above the 5-year average, with good or better estimates accounting for 87 percent.

CALF AND LAMB LOSSES

	This Week	Last Week	Last Year	5-Yr Avg
Calf Losses				
Light	37	36	25	N/A
Normal	60	60	74	N/A
Heavy	3	4	1	N/A
Lamb Losses				
Light	38	30	20	19
Normal	55	65	79	78
Heavy	7	5	1	3

LIVESTOCK PROGRESS TABLE

	This Week	Last Week	Last Year	5-Yr Avg
Range Flock Ewes Lambed	73	57	80	83

LIVESTOCK CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Cattle	0	0	12	87	1
Calves	0	0	10	88	2
Sheep	0	0	7	92	1
Lambs	0	0	9	91	0

RANGE AND PASTURE CONDITIONS

	This Week	Last Week	Last Year	5-Yr Avg
Very Poor	0	0	0	1
Poor	5	7	2	7
Fair	8	10	19	33
Good	78	75	64	51
Excellent	9	8	15	8

WEATHER SUMMARY: Weekly air temperatures averaged below normal at 31 of 33 reporting stations with 23 of the stations averaging 5 or more degrees below normal. This is the 7th week in a row that 30 or more of the reporting stations averaged below normal. Temperature averages ranged from 9 degrees below normal at Cody and Worland to 5 degrees above normal at Buford. The high temperature for the state was 90 degrees at Torrington, while a state low of 21 degrees was recorded at Lake Yellowstone. Lander received the most precipitation for the week with 1.75 inches, 1.36 inches above normal for the reference week and totaling 10.34 inches of cumulative precipitation since January 1, 2011. Big Horn has received the most cumulative precipitation above normal since January 1 while Laramie is still the furthest behind having received only 3.40 inches since January 1. Thirteen stations recorded below normal precipitation for the week and four stations are currently below normal for cumulative precipitation since January 1, 2011.

Weather Data for the Week Ending June 5, 2011 ^{1/}

	Weekly Air Temperature				Weekly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
District 1									
Cody	77	34	50	-9	0.84	0.42	0.42	8.94	4.31
Dubois	74	26	44	-8	0.43	0.31	0.12	8.65	4.68
Greybull	82	38	54	-8	0.91	0.33	0.58	5.11	1.61
Jeffrey City	77	29	49	-6	0.42	0.38	0.04	5.70	0.14
Lake Yellowstone	62	21	38	-6	0.51	0.49	0.02	15.46	6.44
Lander	81	32	52	-8	1.75	0.39	1.36	10.34	3.32
Powell	80	33	51	-9	0.44	0.35	0.09	5.41	2.63
Riverton	81	33	52	-7	1.34	0.31	1.03	6.70	2.99
Worland	83	36	55	-9	1.50	0.34	1.16	5.94	2.31
DISTRICT 2									
Big Horn	80	35	52	-6	1.16	0.56	0.60	14.79	7.87
Buffalo-Johnson	80	37	53	-7	1.72	0.56	1.16	9.63	3.62
Gillette	79	33	55	-5	1.04	0.63	0.41	11.17	3.51
Midwest	82	34	54	-7	0.45	0.54	-0.09	8.45	1.71
Newcastle	85	36	56	-5	1.39	0.62	0.77	12.24	5.85
Sheridan	81	36	53	-7	1.13	0.64	0.49	10.30	3.86
Sundance	84	37	58	-1	0.04	0.70	-0.66	11.21	3.32
DISTRICT 3									
Big Piney	72	23	45	-7	0.64	0.21	0.43	2.74	-0.31
Evanston	71	27	47	-7	0.66	0.28	0.38	5.47	0.48
Jackson Hole	72	32	48	-3	0.60	0.43	0.17	9.44	-0.64
Thayne	73	30	47	-5	0.53	0.43	0.10	10.05	1.77
DISTRICT 4									
Casper	82	31	53	-6	0.11	0.45	-0.34	6.62	0.29
Laramie	78	27	52	-2	0.00	0.35	-0.35	3.40	-1.21
Rawlins	78	29	51	-7	0.05	0.26	-0.21	3.42	-1.04
Rock Springs	76	31	51	-5	0.79	0.21	0.58	4.47	0.03
Shirley Basin	72	28	49	-2	0.28	0.35	-0.07	8.53	4.50
DISTRICT 5									
Buford	75	35	54	5	0.03	0.41	-0.38	8.69	2.43
Cheyenne	84	39	58	1	0.12	0.53	-0.41	6.38	0.04
Chugwater	86	36	57	-1	0.27	0.59	-0.32	9.72	2.57
Douglas	84	35	56	-4	0.60	0.44	0.16	6.86	0.84
Lance Creek	86	34	55	-6	0.19	0.54	-0.35	7.71	1.92
Old Fort Laramie	89	36	56	-6	0.33	0.56	-0.23	9.77	4.10
Torrington	90	39	61	-3	0.25	0.56	-0.31	9.41	3.38
Wheatland	86	38	60	-2	0.25	0.53	-0.28	8.96	3.51

1/ Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit www.awis.com or call 1-888-798-9955